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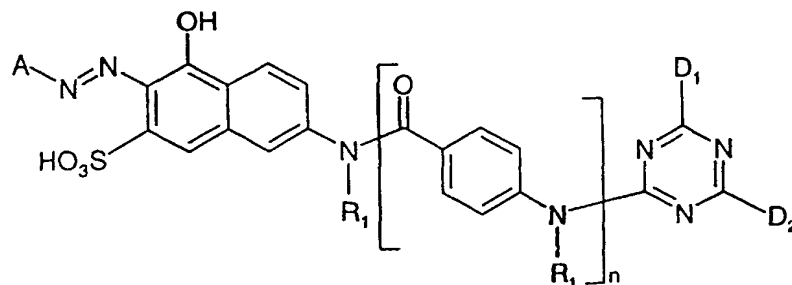


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- (54) Title: ANIONIC MONOAZO DYES
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(1)

(57) Abstract: Anionic monoazo dyes of the formula (1) in which A represents a 1- or 2-naphthyl residue, which is substituted by a total of one or two sulphonate and/or carboxylic acid groups. R₁ represents hydrogen or C₁-C₄alkyl, each D₁ and D₂, independently of the other, represent either an amino acid residue resulting from removal of a hydrogen atom from the amino group of the amino acid or the residue -NR₂R₃, in which each R₂ and R₃, independently of the other, represent hydrogen, C₁-C₄alkyl, C₂-C₆alkyl which is substituted by hydroxy, halogen or cyano, phenyl which is unsubstituted or monosubstituted by hydroxy, halogen, SO₃H, C₁-C₄alkyl or C₁-C₄alkoxy or alternatively, R₂ and R₃, together with the nitrogen atom to which they are connected, complete a saturated, 5- or 6-membered ring which may contain, in addition to the nitrogen atom, one nitrogen or oxygen atom and which may be further substituted and n is 0 or 1, a process for their preparation and the use of these dyes for dyeing natural or synthetic materials, in particular, paper.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09B43/16 C09B29/01 //D21H21/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 35925 A (CLARIANT INTERNATIONAL LIMITED) 2 October 1997 (1997-10-02) claims; examples ---	1-10
A	FR 2 512 041 A (BAYER AG) 4 March 1983 (1983-03-04) page 13, line 1 -page 14, line 12; example 2 ---	1-10
A	DE 195 18 356 A (HOECHST AG) 21 November 1996 (1996-11-21) the whole document ---	1-10
A	GB 2 330 841 A (ZENECA LTD) 5 May 1999 (1999-05-05) claims; examples -----	1-10

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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